INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. 056297-5012-01	Application No.: 09/285,306
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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
CW	1.	3,817,837	6/18/74	RUBENSTEIN *et al.*	195	103.5R	
	2.	3,850,752	11/26/74	SCHUURS *et al.*	95	103.5R	
	3.	3,939,350	2/17/76	KRONIC *et al.*	250	365	
	4.	3,996,345	12/7/76	ULLMAN *et al.*	424	12	
	5.	4,275,149	6/23/81	LITMAN *et al.*	435	7	
	6.	4,277,437	7/7/81	MAGGIO	422	61	
	7.	4,366,241	12/28/82	TOM *et al.*	435	7	
	8.	5,143,854	9/1/92	PIRRUNG *et al.*	436	518	
	9.	5,384,261	1/24/95	WINKLER *et al.*	436	518	
	10.	5,424,186	6/13/95	FODOR *et al.*	435	6	
	11.	5,445,934	8/29/95	FODOR *et al.*	435	6	
	12.	5,429,807	7/4/95	MATSON *et al.*	422	131	
	13.	5,436,327	7/25/95	SOUTHERN *et al.*	536	25.34	
	14.	5,545,531	8/13/96	RAVA *et al.*	435	6	
	15.	5,547,839	8/26/96	DOWER *et al.*			
	16.	5,700,637	12/23/97	SOUTH	435	6	
	17.	5,837,832	11/17/98	CHEE *et al.*	536	22.1	
	18.	5,795,716	8/18/98	CHEE *et al.*	435	6	
	19.	5,800,992	9/1/98	FODOR *et al.*	435	6	
	20.	5,861,242	1/19/99	CHEE *et al.*	435	5	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation YES NO
CW	21.	89/10977	11/16/89	WO	—	—	
CW	22.	90/15070	12/13/90	WO	—	—	
CW	23.	92/10092	6/25/92	WO	—	—	
CW	24.	94/12305	6/9/94	WO	—	—	Abstract only
CW	25.	94/10128	5/11/94	WO	—	—	

Examiner Cynthia Wilder Date Considered 3/7/2005

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

27.	Barringer, *et al.*, "Blunt-end and single-strand ligations by *Escherichia coli* ligase: influence on an in vitro amplication scheme", Gene, Vol. 89 (1990), pp. 117-122.
28.	Beattie, *et al.*, "Genosensor Technology", Clinical Chemistry, Vol. 39, No. 4 (1993), pp. 719-722.
29.	Bloch, *et al.*, "Nationwide Survey of Drug-Resistant Tuberculosis in the United States", JAMA, Vol. 271, No. 9 (March 2, 1994), pp. 665-671.
30.	Chetverin, *et al.*, "Oligonucleotide Arrays: New Concepts and Possibilities", Bio/Technology, Vol. 12 (November 1994), pp. 1093-1099.
31.	Elder, "Analysis of DNA Oligonucleotide Hybridization Data by Maximum Entropy", Proceedings of the Twelfth International Workshop on Maximum Entropy and Bayesian Methods, Kluwer Academic Publishers, 1992.
32.	Fodor, *et al.*, "Light-Directed Spatially Addressable Parallel Chemical Synthesis", Science, Vol. 251 (1991), pp. 767-773.
33.	Fodor, *et al.*, "Multiplexed Biochemical Assays with Biological Chips", Nature, Vol. 364 (August 5, 1993), pp. 555-556.
34.	Felmlee, *et al.*, "Genotypic Detection of *Mycobacterium tuberculosis* Rifampin Resistance: Comparison of Single-Strand Conformation Polymorphism and Dideoxy Fingerprinting", Jrnl. Clin. Microbiology, Vol. 33, No. 6 (1995), pp. 1617-1623.
35.	Gingeras, *et al.*, "Simultaneous Genotyping and Species Identification Using Hybridization Pattern Recognition Analysis of Generic *Mycobacterium* DNA Arrays, Genome Research, Vol. 8 (1998), pp. 435-448.
36.	Guatelli, *et al.*, "Isothermal, *in vitro* amplification of nucleic acids by a multienzyme reaction modeled after retroviral replication", Porch. Natl. Acad. Sci. USA, Vol. 87 (March 1990), pp. 1874-1878.
37.	Hughes, *et al.*, "Identification of Mycobacteria from Animals by Restriction Enzyme Analysis and Direct DNA Cycle Sequencing of Polymerase Chain Reaction-Amplified 16S rRNA Gene Sequences", Jrnl. Clin. Microbiology (December 1993), pp. 3216-3222.
38.	Hoffner, "Pulmonary Infections Caused by Less Frequently Encountered Slow-Growing Environmental Mycobacteria", Euro. Jrnl. Clin. Microbial. Infect. Dis., Vol. 13, No. 11 (November 1994), pp. 937-941.
39.	Hunt, *et al.*, "Detection of a Genetic Locus Encoding Resistance to Rifampin in Mycobacterial Cultures and in Clinical Specimens", Diagn. Microbiol. Infect. Dis., Vol. 18 (1994), pp. 219-227.
40.	Jonas, *et al.*, "Detection and Identification of *Mycobacterium tuberculosis* Directly from Sputum Sediments by Amplification of rRNA", Jrnl. Clin. Microbiology (September 1993), pp. 2410-2416.
41.	Kanal, "Patterns in Pattern Recognition", IEEE Trans. Info. Theory (1974), pp. 697-722.
42.	Kapur, *et al.*, "Rapid *Mycobacterium* Species Assignment and Unambiguous Identification of Mutations Associated with Antimicrobial Resistance in *Mycobacterium tuberculosis* by Automated DNA Sequencing", Arch. Pathol. Lab. Med. (February 1995), Vol. 119, pp. 131-138.
43.	Kox, *et al.*, "PCR Assay Based on DNA Coding for 16S rRNA for Detection and Identification of Mycobacteria in Clinical Samples", Jrnl. Clin. Microbiol. (1995), pp. 3225-3233.
44.	Kwoh, *et al.*, "Transcription-based amplification system and detection of amplified human immunodeficiency virus type 1 with a bead-based sandwich hybridization format", Proc. Natl. Acad. Sci. USA, Vol. 86 (February 1989), pp. 1173-1177.
45.	Landegren, *et al.*, "A Ligase-Mediated Gene Detection Technique", Science, Vol. 241 (August 26, 1988), pp. 1077-1080.

Examiner	Date Considered
Cynthia Wilder	3/7/05

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	Filing Date: April 2, 1999	Group Art Unit: 1637

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CW	46.	Lipshutz, *et al.*, "Using Oligonucleotide Probe Arrays to Access Genetic Diversity", Biotechniques, Vol. 19, No. 3 (1995), pp. 442-447.
CW	47.	Lipshutz, Clin. Chem., Vol. 40, No. 6 (1994 Abstract), p.1173.
	48.	Musser, "Antimicrobial Agent Resistance in Mycobacteria: Molecular Genetic Insights", Clinical Microbiology Reviews (October 1995), pp. 496-514.
CW	49.	Pease, *et al.*, "Light-Generated oligonucleotide arrays for rapid DNA sequence analysis", Proc. Natl. Acad. Sci. USA, Vol. 91 (May 1994), pp. 5022-5026.
CW	50.	Plikaytis, *et al.*, "Differentiation of Slowly Growing *Mycobacterium* Species, Including *Mycobacterium tuberculosis* by Gene Amplication and Restriction Fragment Length Polymorphism Analysis", Jrnl. Clin. Microbiology (July 1992), pp. 1815-1822.
CW	51.	Salazar, *et al.*, "Nucleic acid scanning-by-hybridization of enterohemorrhagic *Escherichia coli* isolates using oligodeoxynucleotide arrays", Nucleic Acids Res., Vol. 24, No. 24 (1996), pp. 5056-5057.
CW	52.	Schirm, *et al.*, "Comparison of Amplicor, In-House PCR, and Conventional Culture for Detection of *Mycobacterium tuberculosis* in Clinical Samples", Jrnl. Clin. Microbiology (1995), pp. 3221-3224.
CW	53.	Sewell, *et al.*, "Comparison of the Septi-Chek AFB and BACTEC Systems and Conventional Culture for Recovery of Mycobacteria", Jrnl. Clin. Microbiology (October 1993), pp. 2689-2691.
CW	54.	Schafer, *et al.*, "*Mycobacterium xenopi, Mycobacterium fortuitum, Mycobactgerium kansasii*, and Other Nontuberculous Mycobacteria in an Area of Endemicity fo AIDS", Clin. Infect. Dis. (1992), pp. 161-162.
CW	55.	Southern, *et al.*, "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides: Evaluation Using Experimental Models", Genomics (1992), pp. 1008-1017.
CW	56.	Small, *et al.*, "Molecular Epidemiology of Tuberculosis", Tuberculosis: Pathogenesis, Protection and Control (1994), pp. 569-582.
CW	57.	Stager, *et al.*, "Role of Solid Media When Used in Conjunction with the BACTEC System for Mycobacterial Isolation and Identification", Jrnl. Clin. Microbiol. (January 1991), pp. 154-157.
CW	58.	Telenti, *et al.*, "Detection of rifampicin-reistance mutations in *Mycobacterium tuberculosis*", The Lancet, Vol. 341 (March 13, 1993), pp. 647-650.
CW	59.	Van der Vlliet, *et al.*, "Nucleic acid sequence-based amplification (NASBA) for the identification of mycobacteria", Journal of General Microbiology, Vol. 139 (1993), pp. 2423-2429.
CW	60.	Wolinsky, "Mycobacterial Diseases Other Than Tuberculosis", Clinical Infectious Diseases, Vol. 15 (1992), pp. 1-12
CW	61.	Wu, *et al.*, "The Litigation Amplification Reaction (LAR) – Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependant Ligation", Genomics, Vol. 4 (1989), pp. 560-569.
CW	62.	Whelen, *et al.*, "Direct Genotypic Detection of *Mycobacterium tuberculosis* Rifampin Resistance in Clinical Specimens by Using Single-tube Heminested PCR", Jrnl. Clin. Microbiology, Vol. 33, No. 3 (1995), pp. 556-561.

Examiner	Date Considered 3/7/2005

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